



remote sensing

Dear Colleagues,

On behalf of *Remote Sensing*, we would like to congratulate Dr. Pietro Milillo as the winner of the 2020 *Remote Sensing* Young Investigator Award, after a rigorous selection process with many excellent candidates from all around the world.

Dr. Pietro Milillo works at the Jet Propulsion Laboratory, California Institute of Technology, USA as a Research Scientist. He has a Ph.D. in Environmental Engineering from the University of Basilicata, Potenza, Italy, with a thesis on the synergistic use of Synthetic Aperture Radar (SAR) constellations for studying natural and anthropogenic phenomena. Pietro started his studies in Physics in 2008 at the University of Bari (Italy), graduating with a B.S. in 2010 and M.S. in 2012 in Physics and Applied Physics, respectively.

2020 YOUNG INVESTIGATOR WINNER

His research focuses on the synergistic use of remote sensing and ground-based data exploitation for Earth and Cryosphere science and Natural Hazard response. He is particularly interested in analyzing how the new generation of remote sensing instruments are leading to more effective near real-time disaster monitoring, assessment, and response, and a greater ability to constrain dynamically changing physical processes, improving our understanding of basic Earth science.

In his research, he aims to advance geodetic and geophysical measurements together with numerical modeling of geophysical processes characterizing the cryosphere (glaciers mass balance, short term grounding zone dynamics, surface elevation changes) and infrastructure monitoring, highlighting critical conditions that could lead to infrastructure damage or collapse.

Dr. Pietro Milillo will receive 2000 Swiss Francs for his groundbreaking contributions to Earth Sciences, in particular Cryosphere and Natural Hazard research.

Prof. Dr. Jose Moreno
Associate Editor of *Remote Sensing*



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